



# PRODUCT CERTIFICATE

## BARRICADE FR



BUREAU  
VERITAS

CERTIFICATE NO: CM70072 Rev 3

Date of issue: 15 July 2022

**1 CERTIFICATE HOLDER DETAILS**

**MASONS Plastabrick Ltd**  
18A David McCathie Place  
Silverdale, Auckland 0932, New Zealand

info@mpb.co.nz  
Ph: +64 9 414 7551  
www.mpb.co.nz



**2 PRODUCT CERTIFICATION BODY**

**Bureau Veritas Australia Pty Ltd**  
3/435 Williamstown Road  
Port Melbourne VIC 3207  
Australia

Ph: 1800 855 190  
www.bureauveritas.com.au

**Bureau Veritas Australia Pty Ltd**

The complaints process for this certificate  
can be found here:  
www.bureauveritas.com.au/your-feedback

### KEY INFORMATION

**3 SUMMARY OF DESCRIPTION OF BUILDING METHOD OR PRODUCT**

Barricade FR is a flammability-rated synthetic breather-type flexible wall underlay and air barrier. It is manufactured from spun-bonded polypropylene and is coloured white and is available in 2.74 m, 1.37 m and 0.6 m wide rolls. It is printed "Barricade FR" and "Weather exposure: max 60 days" on the front face, and optionally with a customer logo

*Continuation of description can be found in item 9. Supporting Information about Description of Building Product or Method.*  
*Matters that should be taken into account in the use or application of the building method or product can be found in item 6. Conditions and Limitations of Use.*

**4 SUMMARY OF INTENDED USE OF BUILDING METHOD OR PRODUCT**

Barricade FR is an exterior wall underlay and air barrier for timber and light-steel framed buildings

*Continuation of intended use can be found in item 10. Supporting Information about Intended use of Building Product or Method.*

**5 BUILDING CODE PROVISIONS**

The performance clauses of the New Zealand Building Code that are relevant to the intended use and with which the building method or product complies or contributes to (where used as part of a system).

**B2 Durability** – B2.3.1(a); B2.3.2  
**C3 Fire affecting areas beyond the fire source** - C3.4(c)  
**E2 External moisture** - E2.3.2 (contributes to); E2.3.5 (contributes to); E2.3.6 (contributes to); E2.3.7  
**F2 Hazardous building materials** - F2.3.1

*How the building method or product complies or contributes can be found in item 12. Basis for Certification. Any qualifications on the extent of that compliance can be found in item 6. Conditions and limitations of use.*



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>.  
CERTIFICATE V1.3



# PRODUCT CERTIFICATE

## BARRICADE FR



### 6 CONDITIONS AND LIMITATIONS OF USE

1. Barricade FR is certified for use:
  - on timber framed and steel framed buildings within the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1 with regards to building height and floor plan area; and situated in NZS 3604:2011 wind zones up to and including 'Extra High'
  - with absorbent and non-absorbent wall claddings directly fixed to the frame; or installed over an 18mm minimum drained cavity; or with masonry veneer in accordance with NZBC Acceptable Solution E2/AS1 for timber framed buildings or in accordance with NZBC Acceptable Solution E2/AS4 or by specific design for steel framed buildings.
2. Barricade FR shall be:
  - installed in accordance with E2/AS1, Clauses 9.1.5 & 9.1.7, or NASH Building Envelope Solutions: 2019 Light Steel Framed Buildings Clauses 9.1.5 & 9.1.7, and the Masons Barricade FR House Wrap Design and Installation Guide v1.0 June 2022
  - protected from sunlight within 60 days
  - used with Masons Hydro or 40 Below flashing tapes.

NOTE: Together, items 3, 4, 5 and 6 define scope of use.

### 7 HEALTH AND SAFETY INFORMATION

The compliance with any manufacturer's installation instructions, maintenance, OH & S statements, MSDS's and other Health and Safety declarations will provide the necessary Health and Safety Information pertaining to the product. Refer to section 12 for specific detail of compliance with the performance requirements of clauses F1 to F9 of the Building code.

### 8 SIGNATURES

Sam Guindi  
Product Certification Manager

For and on behalf of  
Bureau Veritas Australia Pty Ltd

Trent Mason  
Director

For and on behalf of  
MASON'S Plastabrick Ltd



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>. CERTIFICATE V1.3



# PRODUCT CERTIFICATE

## BARRICADE FR



### SCHEDULE: INFORMATION THAT SUPPORTS KEY INFORMATION

#### 9 SUPPORTING INFORMATION ABOUT DESCRIPTION

Note: Previous certificate No: CM70072 Rev2 (22 February 2022) remains valid for Barricade FR labelled "weather exposure: max 42 days" while stocks are replaced with this product.

#### 10 SUPPORTING INFORMATION ABOUT INTENDED USE

Masons Barricade FR House Wrap Design and Installation Guide v1.0 June 2022

#### 11 SUPPORTING INFORMATION ABOUT CONDITIONS AND LIMITATIONS OF USE

1. Barricade FR Building Wrap has an AS 1530.2-1993 flammability index of not greater than 5 and therefore meets the requirements of NZBC Acceptable solutions C/AS2, paragraph 4.17.8 (b) for use in all situations (including situations exposed to view).
2. In cavity installations where stud spacing is greater than 450mm and flexible underlays only are used, an intermediate means of restraining the underlay and insulation from bulging into the drained cavity must be installed as required by E2/AS1 9.1.8.5.



This certificate is issued by an independent certification body accredited by JAS-ANZ, the product certification accreditation body appointed by the Chief Executive of the Ministry of Business, Innovation and Employment under the Building Act 2004. The Ministry does not in any way warrant, guarantee, or represent that the building method or product that is the subject of this certificate conforms with the New Zealand Building Code, nor accept any liability arising out of the use of the building method or product. The Ministry disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages, and costs arising as a result of the use of the building method(s) or product(s) referred to in this certificate.

This certificate may only be reproduced in its entirety. It is advised to check that this certificate is currently valid and not withdrawn or suspended by referring to the Register of Product Certificates on the Building Performance website <http://www.building.govt.nz>.  
CERTIFICATE V1.3

# PRODUCT CERTIFICATE

## BARRICADE FR

### 12 BASIS FOR CERTIFICATION

B2 Durability - By testing and comparison with Acceptable Solution E2/AS1 and referenced standard NZS2295:2006 Pliable, permeable building underlays

C3 Fire affecting areas beyond the fire source - By testing and comparison with Acceptable Solutions C/AS1 and C/AS2 and referenced standard AS1530.2-1993

E2 External moisture - By testing and comparison with Acceptable Solutions E2/AS1 and E2/AS4, and referenced standard NZS2295:2006 Pliable, permeable building underlays and referenced NASH Building Envelope Solutions: 2019 Light Steel Framed Buildings

F2 Hazardous building materials - By analysis and comparison with the Building Code performance requirement F2.3.1

### 13 SUPPORTING DOCUMENTATION FOR CERTIFICATION

1. Acceptable Solutions and Verification Methods for New Zealand Building Code Clause B2 Durability Second edition (Amendment 12), 28 November 2019
2. C/AS2 Acceptable Solution for Buildings other than Risk Group SH for New Zealand Building Code Clauses C1-C6 Protection from Fire First edition (Amendment 2), 5 November 2020
3. C/VM1 Verification Method for Solid Fuel Appliances C/AS1 Acceptable Solution for Buildings with Sleeping (residential) and Outbuildings (Risk Group SH) For New Zealand Building Code Clauses C1-C6 Protection from Fire (Amendment 5), 5 November 2020
4. Acceptable Solution E2 External Moisture E2/AS4 First edition, 28 November 2019
5. E2 External Moisture, Verification Method E2/VM2, Cladding systems for buildings up to 25 m in height – including junctions with windows, door and other penetrations, Second edition, 29 November 2021
6. NZS 2295 2295:2006 Pliable, permeable building underlays
7. AS1530.2:1993 Methods for fire tests on building materials, components and structures
8. NASH Building Envelope Solutions: 2019 Light Steel Framed Buildings
9. NZWTA Report No. 13474737.3 AS1530.2-1993 - Methods for Fire Tests on Building Materials, Components and Structure, Part 2: Test for Flammability of Materials May 2019 "White synthetic building underlay - SP100, 100 gsm", 3 June 2021
10. Scion Report No 44203715 EVALUATION OF SP100 TO NZS 2295 October 2021



# PRODUCT CERTIFICATE

## BARRICADE FR



### 14 CONDITIONS RELATING TO NOTIFICATION

- (a) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change to any of the following particulars:
- (i) the name, address, or contact details of the certificate holder:
  - (ii) any address of a location where a certified product is produced or manufactured:
- (b) the certificate holder notifies the product certification body (Bureau Veritas) in writing of any intended change, modification, or alteration to any of the following:
- (i) the certified building method or product:
  - (ii) the method of its production or manufacture:
  - (iii) the product quality plan prepared in respect of the certified building method or product:
  - (iv) the application or installation instructions for the certified building method or product:
  - (v) any documentation relating to the use and maintenance of the certified building method or product:
- (c) if the certificate holder has any reason to suspect that the certified building method or product does not comply with the Building Code, the certificate holder notifies the product certification body (Bureau Veritas) in writing of the reason for that suspicion:
- (d) if the certificate holder or the product certification body (Bureau Veritas) finds that a certified building method or product that has been released on the market does not comply with the Building Code, the certificate holder discloses that fact in disclosure statements published in a form that is acceptable to the product certification body and to the chief executive:
- (e) if the certificate is suspended or revoked, the certificate holder—
- (i) notifies all customers to whom the building method or product is regularly supplied; and
  - (ii) immediately ceases using the certificate, the mark of conformity, and any reference to the number of the certificate.

